

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/055644 A3

(51) International Patent Classification⁷: E04H 6/10, 14/00

(21) International Application Number:

PCT/US2003/039804

(22) International Filing Date:

15 December 2003 (15.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/432,709 13 December 2002 (13.12.2002) US

(71) Applicant and

(72) Inventor: GUSTAFSON, Thomas, F. [US/US]; 15725
Boeing Court, Wellington, FL 33414 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

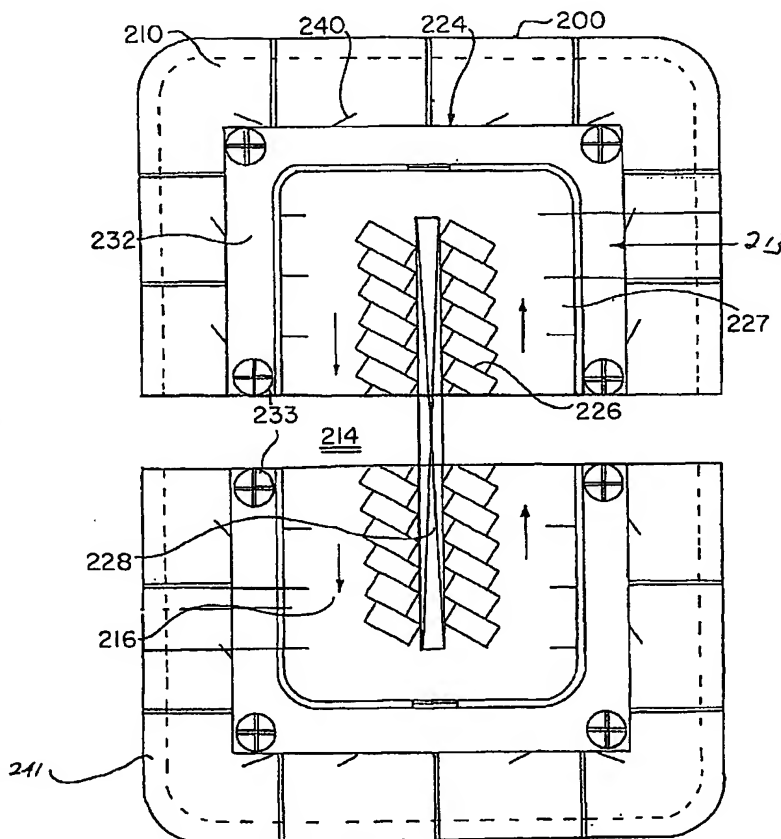
Published:

— with international search report

— with amended claims and statement

[Continued on next page]

(54) Title: MIXED-USE PEDESTRIAN-ORIENTED PARKING STRUCTURE



(57) Abstract: A mixed-use pedestrian-oriented parking structure includes at least two sequential multi-level parking units (216); a series of one-directional parking access aisles; angled parking (226) around a central atrium (228) and parallel parking (227) at the outer edge of the parking decks (216); a liner building (210, 212) surrounding the parking units (216) on at least one side of each parking unit (216); and a multi-use buffer corridor (232) defining an interface between the parking units (216) and the liner building (210, 212) which includes at least one common wall with the buffer corridor (232), the wall including passages for access to and from the buffer corridor (232).

WO 2004/055644 A3



(88) Date of publication of the international search report:
10 February 2005

Date of publication of the amended claims and statement:
7 April 2005


For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

STATEMENT UNDER ARTICLE 19(1)

The associated Amendment sets forth the invention in terms which better define over Category X document U.S. 1,830,518A (Mason). More particularly, the structure of Mason does not teach a parking structure having a central solid rectangular atrium 228 within at least one of its parking units. That is, the structure of Mason does not teach the use of atriums. (See Applicant's Figs. 1 and 2), nor does it teach multi-level parking units having one-directional parking access aisles. As may be noted in Figs. 9-14 of Mason, that structure contemplates a bowl-like or terraced relationship between successive levels thereof, this in distinction to Applicant's structure which employs a narrow solid rectangular atrium 228 at the center of its units. Further, Mason teaches

two directional parking access aisles meaning that parking occurs transversely or normal to the direction of travel of vehicles within the parking structure. In distinction, the Applicant's single direction access aisles requires that internal parking (see Fig. 1 of Drawings) be either angled or parallel relative to the direction of travel. Also, the one-directional nature of Applicant's structure requires that a user enter at point 213 of first unit 200 and, to exit, use a second floor cross-over to 204 to reach parking unit 202, and to exit therefrom at point 217 (see Figs. 2 and 3). Further, Applicant's structure reserves second floor cross-over 204 for mixed use, unlike Mason. Finally, the structure of Mason is not designed, nor does it address, a pedestrian walking environment therein.

Respectfully submitted,
THOMAS F. GUSTAFSON

BY 
Melvin K. Silverman
Reg. No. 26,234

500 WEST CYPRESS CREEK ROAD
SUITE 500
FORT LAUDERDALE, FL 33309
TELEPHONE: (954) 351-7474
FACSIMILE (954) 492-0087